

Part 573 Safety Recall Report

20V-518

Manufacturer Name : Kia Motors America**Submission Date :** MAR 22, 2021**NHTSA Recall No. :** 20V-518**Manufacturer Recall No. :** SC196**Manufacturer Information :**

Manufacturer Name : Kia Motors America

Address : 111 Peters Canyon Road
Irvine CA 92606

Company phone : 800-333-4542

Population :

Number of potentially involved : 28,200

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Kia Stinger

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2019 model year Kia Stinger vehicles equipped with 3.3L T-GDI engines manufactured from June 21, 2018 through July 9, 2019. (9,443 vehicles)

The recall population was determined by a review of vehicle production records. The vehicles subject to this recall were not produced in VIN order. Customers seeking information about their specific vehicle will be referred to Kia's Consumer Assistance Center or their Kia dealer.

Production Dates : JUN 21, 2018 - JUL 09, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2021 Kia Stinger

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : [[Expand the scope of the current recall to the 2018-2021 model year Kia Stinger vehicles manufactured from October 11, 2017 through November 16, 2020 not equipped with Smart Cruise Control (SCC). (18,757 vehicle)]]

The recall population was determined by a review of vehicle production records. The vehicles subject to this recall were not produced in VIN order. Customers seeking information about their specific vehicle will be referred to Kia's Consumer Assistance Center or their Kia dealer.

Production Dates : OCT 11, 2017 - NOV 16, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : An engine compartment fire may occur while driving in the area where the Hydraulic Electronic Control Unit (HECU) is located. [The exact cause of fire remains unknown. However, it is believed that the electrical circuit within the HECU experiences a short circuit condition that results in excessive current, thereby increasing the risk of an engine compartment fire.]

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fire increases the risk of injury.

Description of the Cause : [Exact cause remains unknown. However, it is believed that an electrical short circuit within the HECU is a possible cause of this condition.]

Identification of Any Warning that can Occur : Illumination of various warning lights on instrument panel including tire pressure warning light, ABS warning light, MIL warning light, burning/melting odor, smoke from engine compartment.

Involved Components :

Component Name 1 : [[[HECU]]]

Component Description : [[[Hydraulic Electric Control Unit]]]

Component Part Number : [[[58920-J5070 & 58920-J5170]]]

Supplier Identification :

Component Manufacturer

Name : [[[MANDO]]]

Address : 32, Hamanho-gil, Poseung-eup

Pyeongtaek, Gyeonggi-do Foreign States 17962

Country : Korea, Republic of

Chronology :

[[See attached document titled "2018-2021MY Stinger Engine Compartment Fire Chronology (Amended)".]]

Description of Remedy :

Description of Remedy Program : [All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Kia dealer. Dealers will be instructed to install a new fuse kit, which contains two (2) new fuses of 25A instead of 40A, in the electrical junction box, to prevent an over-current condition in HECU's electrical circuit board. [[[As a precautionary measure, Kia is instructing owners to park their vehicles outdoors and away from other vehicles or structures until the recall repair has been completed.]]] Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 11, 2020.]

How Remedy Component Differs from Recalled Component : [[[Remedy component has a lower fuse amperage]]]

Identify How/When Recall Condition was Corrected in Production : [[Two 25A fuses were installed in 2021 model year Stinger vehicles beginning on November 17, 2020. There have been no similar fire incidents in the expanded recall scope vehicles.]]

Recall Schedule :

Description of Recall Schedule : [[The notification for the expanded recall scope vehicles will be sent to the dealers on February 18, 2021 and to the vehicle owners on February 25, 2021.]]

Planned Dealer Notification Date : FEB 18, 2021 - FEB 18, 2021

Planned Owner Notification Date : FEB 25, 2021 - FEB 25, 2021

* NR - Not Reported